

$$\ln 8 A^3 >$$

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- [illegible]

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b. a control motor for driving each post and controlling the angular position thereof for determining the pitch of the second set of blades.

- a. a tower,

$$\ln s A^4 >$$

- b. a nacelle mounted on said tower;
- c. a hub mounted for rotation on a shaft supported within the nacelle;
- d. a plurality of first rotor blades, said blades having a root end and a tip end, wherein the first rotor blades or structures are attached at said root end to a hub and said hub being secured to said shaft extending from the nacelle;
- e. a shroud having an internal surface and an external surface, wherein the internal surface of the shroud is attached to the tip ends of said first rotor blades or structures;
- f. a plurality of second rotor blades, said blades having a root end and a tip end, wherein the root ends of the second rotor blades are attached to the external surface of the shroud if fixed pitch or to a drive shaft if variable pitch.

17. The wind turbine of claim 16, further comprising:

- a. a strut or struts secured to the nacelle and extending radially outward from the nacelle;
- b. a generator mounted on the strut and in alignment with the shroud;
- c. a ring gear on the shroud; and
- d. a driven gear on the generator and in engagement with the ring gear on the shroud.

18. A wind turbine comprising:

- a. a tower;
- b. a nacelle having a support strut extending therefrom, said nacelle being mounted on said tower;
- c. the nacelle further including a support shaft extending therefrom;
- d. a generator incorporating a gear and being mounted on said support strut;
- e. plurality of first rotor structures having a root end and a tip end,

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20. The wind turbine of claim 18, further including pitch riding retainers for maintaining proper gear alignment between said ring gear and said pinion gear.

21. The shroud system of claim 8, wherein the ring gear is on the external surface of the shroud.

Add  $A^6 \rightarrow$